

In the Claims:

With respect to the claims in the International Application as published on June 3, 2004, please amend the claims as follows:

1. (currently amended) A magnet system for a relay comprising:
 - a core (7b) partially enclosed by a coil (14) and;
 - a yoke (7) having a first yoke leg (7c) attached to a first end of the core (7b) and a second yoke leg extending parallel to the core (7b), the second yoke leg having an armature mounting portion (7a), characterized in that: the armature mounting portion (7a) is formed on an upper side of the second yoke leg remote from the coil (14); and
 - a pole (6) ~~has~~having a first pole leg (6b) connected to a second end of the core (7b) and a second pole leg (6a) extending parallel to the core (7b), the second pole leg (6a) having an upper surface substantially aligned with the armature mounting portion (7a) such that when an armature (5) is mounted on the armature mounting portion (7a), a working air gap is formed between a coil-side armature face and the upper surface of the second pole leg (6a);
 - a fixed contact carrier with a fixed contact; and
 - the magnet system is extrusion coated with a plastic material, the coil, the yoke, the pole, and the fixed contact carrier being embedded in the plastic material.
2. (currently amended) The magnet system according to claim 1, characterized in that wherein the upper surface of the second pole leg (6a) includes a crowned pole face-15.

3. (currently amended) The magnet system according to claim 1, wherein ~~or 2,~~
~~characterized in that the yoke (7) is L-shaped.~~
4. (currently amended) The magnet system according to ~~any of claims 1 through 3,~~
~~characterized in that~~claim 1, wherein the pole (6) is L-shaped.
5. (currently amended) The magnet system according to ~~any of claims 1 through 4,~~
~~characterized in that~~claim 1, wherein the first pole leg (6b) is connected to the core (7b) by a U-shaped recess.
6. (currently amended) The magnet system according to ~~any of claims 1 through 5,~~
~~characterized in that~~claim 1, wherein an edge of the armature mounting portion (7a) and an edge of the second pole leg (6a) are positioned such that a gap is formed therebetween that is bridged by the armature (5).
7. (currently amended) The magnet system according to ~~any of claims 1 through 6,~~
~~characterized in that~~aaclaim 1, wherein the fixed contact (8) arranged on ~~a~~the fixed contact carrier (9) is substantially aligned with the second pole leg (6a).
8. (currently amended) The magnet system according to claim 7, ~~characterized in~~
~~that~~wherein the fixed contact carrier (9) is offset in a direction of the core (7b).

9. (currently amended) The magnet system according to ~~any of claims 1 through 8,~~
~~characterized in that~~claim 1, wherein the magnet system is mounted on a coil body (12).

10. (canceled)

11. (currently amended) An electromagnetic relay comprising:
a magnet system having a core body (12) with a core (7b) partially enclosed by a
coil (14);
a yoke (7) having a first yoke leg (7e) attached to a first end of the core (7b) and a
second yoke leg extending parallel to the core having an armature mounting portion (7b);
a pole (6) having a first pole leg (6b) connected to a second end of the core (7b)
and a second pole leg (6a) extending parallel to the core (7b), characterized in that:
the magnet system ~~has~~ having a fixed contact (8) arranged on a fixed contact
carrier (9) substantially aligned with the second pole leg (6a), the fixed contact carrier (9)
being offset in a direction of the core (7b) and arranged in the coil body (12); and
the magnet system is extrusion coated with a ~~plastics~~ plastic material (1), the coil,
the yoke, the pole, and the fixed contact carrier being embedded in the plastic material.

12. (currently amended) The electromagnetic relay according to claim 11 characterized in
~~that, wherein~~ a sheet-like armature (5) is pivotally mounted on the armature mounting portion
(7b), the armature (5) having a spring contact (3) with a switching contact (4) positioned adjacent
to the fixed contact (8).

13. (currently amended) The electromagnetic relay according to claims 11 or 12 characterized in that 11, wherein the fixed contact carrier (9) is held by side portions (9b) in pockets (13a) of a side arm (13) of the coil body (12).
14. (currently amended) The electromagnetic relay according to claim 13, characterized in that wherein the pole (6) is held between the side arm (13) and a first flange (11) of the coil body (12).
15. (currently amended) The electromagnetic relay according to any of claims 11 through 14, characterized in that the claim 12, wherein a free end of the spring contact (3) is movably received between injection molded webs (2, 2a).
16. (currently amended) The electromagnetic relay according to any of claims 11 through 15, characterized in that claim 11, wherein the second pole leg (6a) has an upper surface substantially aligned with the armature mounting portion (7a).
17. (currently amended) The electromagnetic relay according to claim 16, characterized in that wherein an edge of the armature mounting portion (7a) and an edge of the second pole leg (6a) are positioned such that a gap is formed therebetween that is bridged by the armature (5).
18. (currently amended) The electromagnetic relay according to any of claims 16 through 17, characterized in that claim 12, wherein the spring contact (3) is bent such that the switching

contact (4) engages the fixed contact (8) before the armature engages the an upper surface of the second pole leg (6a).

19. (currently amended) A method for producing a magnet system for an electromagnetic relay, comprising the steps of:

inserting a magnet system into an injection mold (16);

allocating a face of an armature mounting portion (7a), a pole leg (6a) and a fixed contact carrier (9) at complementary reference planes (17, 18, 19) in the injection mold (16); and

pressing the face of the armature mounting portion (7a), the pole leg (6a) and the fixed contact carrier (9) into the associated reference planes (17, 18, 19) to achieve a desired size graduation between the faces.

20. (currently amended) The method of claim 19, further comprising the step of injection molding webs (2, 2a) on opposing sides of the fixed contact carrier (9).